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24th BaSS CONGRESS

May 9-11, 2019 | Tirana, Albania

CONTEMPORARY APPROACHES AND CHALLENGES IN DENTISTRY



Abstracts Book

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ABSTRACTS BOOK

24th Congress of Balkan Stomatological Society (BaSS)

9-11th May 2019 | Tirana, Albania

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Messages



President of 24th BaSS Congress

Assoc. Prof. Dr. Edit Xhajanka

Dean of Faculty of Dental Medicine, Tirana, Albania

Messages

Dear highly esteemed colleagues and friends,

It is a great pleasure for us to invite you to participate in the **24th Congress of Balkan Stomatological Society (BASS) on 9-11th May 2019**, in Tirana, Albania, for the third time.

Recent changes have turned this city into a European metropolis, so we are excited to have your international presence here, to expand upon our collective scientific endeavour.

This is an ideal opportunity to exchange professional experiences and deepen our knowledge, through lectures and presentations on the latest technology and contemporary achievements in the field of dentistry. Also, the magic of a Congress is “communication”. The personal dialogue, the joining up with colleagues, networking and the direct discussion is of highest value.

I would like to invite you to participate in this important event of dentistry, where you will communicate with the international language of science, but also you will have the possibility to enjoy the hospitality, the virtues and the wonderful nature of Albania.

I wish a successful Congress and enjoyable staying in Tirana.

Kindest regards!



President of BaSS
Prof. Dr. Argirios Pissiotis

Messages

**Dear distinguished members of the Balkan Stomatological Society,
Dear Colleagues in the Balkan Countries,**

It is my pleasure to invite you to attend the **24th Congress of the Balkan Stomatological Society (BaSS)** which will be organised this year in Tirana, Albania at the Tirana International Hotel and Congress Centre on the 9th through the 11th of May 2019, under the Presidency of Assoc. Professor Dr. Edit Xhajanka.

The Balkan Stomatological Society (BaSS) following its tradition of more than twenty years in organizing, as per its constitutional obligation, another annual Congress with the purpose of bringing together dentists from all the Balkan countries to exchange scientific knowledge and share clinical experiences for the benefit of the oral health care of the people residing in the Balkans.

The chosen theme of this Congress is "Contemporary Approaches and Challenges in Dentistry". This addresses treatment modalities that have been developed based on the modern materials and devices that are used in contemporary Dentistry. The implementation of treatment approaches based on the use of new technologies tends to change the shape of Dentistry of the 21st century, and the provision of oral healthcare to our patients.

This Congress has also another purpose except the pure scientific one and this is the opportunity it will provide once more, to bring together dentists from the Balkan and other European countries to spend a long weekend together socialising, meeting old friends, making new ones enhancing communications between professionals from the Balkan area and Europe.

With this message I would like to wish my dear friend and colleague Assoc. Prof. Dr. Edit Xhajanka and her team a great success with the organisation and extend an invitation to all the colleagues to come to Tirana this coming May.

With Kind Regards,



President of Honor of the Congress
Prof. Dr. Norina Forna

Messages

The happy and honourable occasion offered by the **Albanian National Association of Dental Professionals** to organise the **24th Edition of the Balkan Stomatological Society Congress in Tirana** is a challenge thru developing more and more the scientific, educational and organisational valences of such an event and demonstrating once again by the large number of participants and speakers from all over the world.

The presence of the dentistry's elites, the diversity of existing themes in the congress, their practical applicability offers a wide range of interest, attention and attraction to the participant audience of all generations of practitioners - general practitioners and academics.

We will certainly remember the brilliant reference of the BASS editions, which we will be pleased with, both from the point of view of scientific quality and generous hosts who are active in a landscape, full with traditions and rich culture.

"We are what we do repeatedly, therefore excellence is not an action but a habit" - Aristotle

With friendship

Prof. Norina Consuela Forna

Dean of Faculty of Dentistry

University of Medicine and Pharmacy "Grigore T Popa"



President of ANADP

Assoc. Prof. Dr. Merita Bardhoshi

Messages

Dear friends, dear colleagues,

It is my great pleasure to be able to welcome you in Tirana, Albania, for the 24 Congress of Balkan Stomatological Society, on 9-11 May 2019. I believe that this congress will not only increase our scientific experience in the field of dentistry, but also make a contribution to improve our cultural relations.

We will offer scientists and practitioners the scientific and clinical platform to present and discuss their research results and clinical cases and to stay up-to date with the developments and new technologies in every field of dental medicine.

24th BASS Congress meeting in exciting and diverse Tirana city will most certainly bring us even closer together and further strengthen our friendship. This colorful city, well known for its value and hospitality towards guests, together with exciting social program insure another memorable BASS Congress.

I assume that all participant countries are very happy to share these warm feelings and friendship and be together again during the 24.th Congress. I greet you all and wish you success and good time all through this congress.

Assoc. Prof. Dr. Merita Bardhoshi

President of Albanian National Association of Dental Professionals (ANADP)

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CONTEMPORARY APPROACHES AND CHALLENGES IN DENTISTRY

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372. LASER FLUORESCENCE DEVICES IN DETECTION OF APPROXIMAL CARIOUS LESIONS: A LITERATURE REVIEW

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Abstract

AIM: One of the keys in using the “minimal intervention dentistry” is the early detection of caries. Other than the common detecting methods (visual, tactile and radiographic evaluation), laser fluorescence (LF) devices can also detect caries lesions. The aim of this study is to review LF devices, their effectiveness in detecting approximal caries, their limitations and how are these devices accepted by patients.

METHODS: Studies in English that were identified in the electronic database (MEDLINE) using key words such as laser fluorescence devices, caries detection and approximal caries were evaluated.

RESULTS: The articles that had to do specifically with the detection of approximal caries using LF devices were 22, while only 1 article was found to assess how these devices were accepted by children patients. DIAGNOdent pen (DD pen) was the most mentioned device, followed by quantitative light-induced fluorescence-digital Biluminator (QLF-D) and Midwest Caries I.D (MW). All devices were evaluated for their sensitivity, specificity and accuracy. They showed similar results in detecting approximal caries in most cases and the acceptance by young patients was similar with the bitewing radiography.

CONCLUSION: The majority of the researchers conclude that LF devices should not be used as the main diagnostic tool. Further studies are needed, especially for QLF-D and MW, in order to determine their efficiency and their acceptance, due to limited bibliography.

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373. ALL ON FOUR, POST EXTRACTION IMPLANT PLACEMENT, A-PRF, STICKY BONE.

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Abstract

This is a case report of a 60 year old male who comes in our clinic with teeth sensibility and fixed prosthetic requires. In a very detailed anamnesis we find a healthy patient, but in the clinical examination we observed a gingival retraction and a third grade mobility of the teeth. Diagnose of the case was a generalized periodontopathy associated with a hypersensitivity and third grade mobility of the teeth. We observed in the CBCT the atrophic posterior regions of the mandible. The treatment plan was for a total rehabilitation to improve the function and the aesthetic for the patient with post extractive implant placement, immediate loaded full arch

prosthesis. We had the informal consent of the patient. The surgical treatment begins with a good local anesthesia, articaine 4%, the extraction of the lower teeth. We used a root membrane technique for the extraction of 43, and we continued with the incision for a full thickness flap. The bone surface was reduced and flattened 1.5 mm and we continued the implant placement with the all on four protocol. We used 4 MegaGen implants, 2 straight implants with a diameter of 4 mm and 11,5 mm of length and 2 tilted implants with a diameter of 3.5 mm and 13 mm of length. The tilted implants were positioned in a 30 degree position and a torque of 38 N/cm. We filled the post extractive alveoles with Gen- os of Osteobiol and for the vestibular part of the frontal mandibular jaw we used the technique of sticky bone (I-Prf and Gen-os) and we have all covered with A-Prf membrane. For the release of the flap we performed a soft - brushing techniques on the vestibular and lingual flap with helped us on the coverage of the graft. The flap was repositioned and closed with vicryl suture 3/0. We performed an immediate loading prosthesis using 4 abutments MUA, 2 straight and 2 tilted on 30 degree. The provisional helped the patient to leave the clinic with a fixed prosthesis.

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374. TREATMENT OF APHTHOUS ULCER WITH AROMATHERAPY: CASE REPORT

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Abstract

Background: Aphthous ulcers (AU) are the most common oral disease characterized by repeated development of painful ulcers. The aetiology of AU is still unknown. Many local and systemic factors such as viral or bacterial infections, food hypersensitivity, genetic factors, and systemic diseases could be involved in the pathogenesis of AU. Previous studies have also suggested that this inflammatory disease is a result of abnormal immune response in the oral mucosa.

CASE REPORT: A 17-year-old female patient, who had undergone kidney transplantation in January 2018, was admitted to Ankara University Faculty of Medicine in May 2018 because of nonhealing wounds in her mouth. Antifungal, antiviral, antibacterial and corticosteroid mouthwashes were prescribed for therapy of AU. Because of there is no healing in the ulcers, biopsy was taken and examined histopathologically. Biopsy result has shown that nonspecific ulcer. Then the patient was referred to our clinic. We recommended hyaluronic acid contained mouthwash to the patient. Although the patient used this mouthwash for a week, no improvement was observed. We referred the patient to a pharmacist specialized in aromatherapy. The pharmacist offered antiinflammatory, antioxidant, antimicrobial mouthwash and oils that contain Cocos nucifera, Canarium luzonicum, Melaleuca viridiflora, Commiphora myrrha containing. Within two days, a dramatic improvement was observed in ulcers. All lesions were healed within one week.